

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/035214

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01R43/20 H01R12/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 341 270 A (TYCO ELECTRONICS CORPORATION) 3 September 2003 (2003-09-03)	18
Y	the whole document	1-17, 19
Y	US 6 540 551 B1 (WANG YAO DO) 1 April 2003 (2003-04-01)	1-19
Y	the whole document	
Y	US 5 453 016 A (CLARK ET AL) 26 September 1995 (1995-09-26)	1-19
Y	the whole document	
Y	EP 1 073 165 A (BERG ELECTRONICS MANUFACTURING B.V) 31 January 2001 (2001-01-31)	1-19
	the whole document	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

11 March 2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1341270	A	03-09-2003	US 2003166349 A1 04-09-2003 EP 1341270 A1 03-09-2003 JP 2004039621 A 05-02-2004
US 6540551	B1	01-04-2003	NONE
US 5453016	A	26-09-1995	CN 1135269 A ,C 06-11-1996 DE 69427235 D1 21-06-2001 DE 69427235 T2 27-09-2001 EP 1073165 A2 31-01-2001 EP 0729653 A1 04-09-1996 JP 9505435 T 27-05-1997 SG 85664 A1 15-01-2002 WO 9514315 A1 26-05-1995 US 5504989 A 09-04-1996 SG 67294 A1 21-09-1999
EP 1073165	A	31-01-2001	US 5453016 A 26-09-1995 EP 1073165 A2 31-01-2001 CN 1135269 A ,C 06-11-1996 DE 69427235 D1 21-06-2001 DE 69427235 T2 27-09-2001 EP 0729653 A1 04-09-1996 JP 9505435 T 27-05-1997 SG 67294 A1 21-09-1999 SG 85664 A1 15-01-2002 WO 9514315 A1 26-05-1995 US 5504989 A 09-04-1996